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(FILE 'HOME' ENTERED AT 08:47:50 ON 19 NOV 2001)

FILE 'CA' ENTERED AT 08:47:55 ON 19 NOV 2001

E HAERE JUERGEN/IN
L1 77 S E6-E8
E GASSENMEIER THOMAS OTTO/IN
L2 41 S E2-E3
E NITSCH CHRISTIAN/IN
L3 97 S E3
E BEAUJEAN HANS JOSEF/IN
L4 50 S E3
E RICHTER BERND/IN
L5 38 S E3
L6 39 S (TABLET? OR COMPRESSED OR COMPACTED) (P) (MOLD? OR MOULD? OR
RE
L7 7999 S (MOULD? OR MOLD? OR RECESS? OR SHELL OR TABLET?) (P) (GEL? OR
M
L8 33 S (MOULD? OR MOLD? OR RECESS? OR SHELL OR TABLET?) (P) (GEL? OR
M

FILE 'USPATFULL' ENTERED AT 09:09:26 ON 19 NOV 2001

L9 240 S L6
L10 20 S (TABLET? OR COMPRESSED OR COMPACTED) (P) (MOLD? OR MOULD? OR
RE
L11 177 S (MOULD? OR MOLD? OR RECESS? OR SHELL OR TABLET?) (P) (GEL? OR
M
L12 2250 S COMPRESSED(P) (NONCOMPRESSED OR NON(W) COMPRESSED)
L13 2 S L11 AND L12
L14 3 S COMPRESSED(P) (NONCOMPRESSED OR
NON(W) COMPRESSED) (P) DETERGENT#
L15 1 S L14 NOT L13

=>

=> d 12 15 all

L5 ANSWER 12 OF 38 CA COPYRIGHT 2001 ACS
AN 132:95018 CA
TI Production of multiphase detergent moldings
IN Holderbaum, Thomas; Beaujean, Hans-Josef; Haerer, Juergen; Nitsch, Christian; **Richter, Bernd**; Semrau, Markus
PA Henkel K.-G.a.A., Germany
SO Ger. Offen., 20 pp.
CODEN: GWXXBX
DT Patent
LA German
IC ICM C11D017-00
ICS C11D001-825
CC 46-6 (Surface Active Agents and Detergents)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19851426	A1	20000120	DE 1998-19851426	19981109
	WO 2000004122	A1	20000127	WO 1999-EP4675	19990706
	W: CN, CZ, HU, JP, KR, PL, RU, SK, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1095130	A1	20010502	EP 1999-934578	19990706
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRAI DE 1998-19831704 A1 19980715
DE 1998-19851426 A 19981109
WO 1999-EP4675 W 19990706

AB In the title process, a particulate premix is molded to form a shell, the shell is filled with a melt or emulsion of a substance having m.p. >30.degree. and contg. dispersed or suspended active ingredients, and the molding is cooled and, optionally, post-treated. A mixt. of Na₂CO₃ 32.0, Na tripolyphosphate (I) 52.0, Na perborate 10.0, Ac₂NCH₂CH₂NaC₂ 2.5, benzotriazole 1.0, and ethoxylated fatty alcs. 2.5% and a mixt. of I

91.4, dye 0.2, enzyme 6.0, perfume 0.4, and silicone oil 2.0% were pressed in 75:25 ratio to form a shell which was filled with a melt suspension of paraffin (m.p. 57-60.degree.) 50, dichloroisocyanuric acid 35, and Tylose MH50 15% and cooled to give tablets for use in dishwashers.

ST molding detergent tablet; paraffin wax detergent molding; polyethylene glycol detergent molding; polypropylene glycol detergent molding; dishwasher detergent tablet molding

IT Electric appliances
(dishwashers; molding of detergent tablets for dishwashers)

IT Detergents
Molding

IT (prodn. of multiphase detergent moldings)
IT Paraffin waxes, uses
Polyoxyalkylenes, uses
RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)

IT (shells; prodn. of multiphase detergent moldings)
IT 25322-68-3, Polyethylene glycol 25322-69-4, Polypropylene glycol
RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(shells; prodn. of multiphase detergent moldings)

=>

=> s (tablet? or compressed or compacted) (p) (mold? or mould? or
recess?) (p) (liquid or gel? or melt?) (p) (thicken? or paraffin or wax?)
52389 TABLET?
37626 COMPRESSED
20119 COMPACTED
274871 MOLD?
764 MOULD?
18457 RECESS?
493173 LIQUID
493222 GEL?
435614 MELT?
39014 THICKEN?
71539 PARAFFIN
74561 WAX?
L6 39 (TABLET? OR COMPRESSED OR COMPACTED) (P) (MOLD? OR MOULD? OR
RECES S?) (P) (LIQUID OR GEL? OR MELT?) (P) (THICKEN? OR PARAFFIN OR
WAX?)

=>

=> d 1-39 16 ti

L6 ANSWER 1 OF 39 CA COPYRIGHT 2001 ACS
TI Production of multiphase detergent moldings

L6 ANSWER 2 OF 39 CA COPYRIGHT 2001 ACS
TI Epoxy resin compositions with good adhesion strength to polyimide films and semiconductor devices sealed with them

L6 ANSWER 3 OF 39 CA COPYRIGHT 2001 ACS
TI Part II-Improved mechanical and thermal properties of injection molded alumina ceramics using two newly developed binder systems

L6 ANSWER 4 OF 39 CA COPYRIGHT 2001 ACS
TI Preparation of multiphase detergent tablets

L6 ANSWER 5 OF 39 CA COPYRIGHT 2001 ACS
TI Modified phenolic resins, their manufacture, and epoxy resin compositions containing them as curing agents

L6 ANSWER 6 OF 39 CA COPYRIGHT 2001 ACS
TI Epoxy resin compositions for moisture-resistant potting of semiconductors

L6 ANSWER 7 OF 39 CA COPYRIGHT 2001 ACS
TI Epoxy resin compositions with good storage stability at room temperature for potting of semiconductors

L6 ANSWER 8 OF 39 CA COPYRIGHT 2001 ACS
TI Epoxy resin compositions for sealing of semiconductors

L6 ANSWER 9 OF 39 CA COPYRIGHT 2001 ACS
TI Epoxy resin compositions with good moldability as semiconductor sealants

L6 ANSWER 10 OF 39 CA COPYRIGHT 2001 ACS
TI Epoxy resin compositions for sealing of semiconductors

L6 ANSWER 11 OF 39 CA COPYRIGHT 2001 ACS
TI Polymer compositions for semiconductor sealants

L6 ANSWER 12 OF 39 CA COPYRIGHT 2001 ACS
TI Thermosetting resin tablets for packaging semiconductor devices

L6 ANSWER 13 OF 39 CA COPYRIGHT 2001 ACS
TI Epoxy resin compositions for sealing semiconductors

L6 ANSWER 14 OF 39 CA COPYRIGHT 2001 ACS
TI Waterproof epoxy resin compositions with low shear stress for sealing semiconductors

L6 ANSWER 15 OF 39 CA COPYRIGHT 2001 ACS
TI Waterproof epoxy resin compositions with low shear stress for sealing semiconductors

L6 ANSWER 16 OF 39 CA COPYRIGHT 2001 ACS
TI Epoxy resin-based potting compositions for semiconductor devices

L6 ANSWER 17 OF 39 CA COPYRIGHT 2001 ACS

TI Potting resin tablets for semiconductors

L6 ANSWER 18 OF 39 CA COPYRIGHT 2001 ACS
TI Alloy powders for permanent magnets

L6 ANSWER 19 OF 39 CA COPYRIGHT 2001 ACS
TI Epoxy resin compositions

L6 ANSWER 20 OF 39 CA COPYRIGHT 2001 ACS
TI Epoxy resin compositions

L6 ANSWER 21 OF 39 CA COPYRIGHT 2001 ACS
TI Microbial contamination of drugs

L6 ANSWER 22 OF 39 CA COPYRIGHT 2001 ACS
TI Fiber-reinforced composites

L6 ANSWER 23 OF 39 CA COPYRIGHT 2001 ACS
TI Premolded sulfur concrete blocks

L6 ANSWER 24 OF 39 CA COPYRIGHT 2001 ACS
TI Inelastically compressible ductile particulate material article

L6 ANSWER 25 OF 39 CA COPYRIGHT 2001 ACS
TI Vitreous-metallic container for hot isostatic compaction

L6 ANSWER 26 OF 39 CA COPYRIGHT 2001 ACS
TI Hot isostatic compaction

L6 ANSWER 27 OF 39 CA COPYRIGHT 2001 ACS
TI Reduced pressure casting molds

L6 ANSWER 28 OF 39 CA COPYRIGHT 2001 ACS
TI Inoculation of cast iron with ferrosilicon

L6 ANSWER 29 OF 39 CA COPYRIGHT 2001 ACS
TI Device for making wax molds

L6 ANSWER 30 OF 39 CA COPYRIGHT 2001 ACS
TI High-density graft copolymers of maleic esters and ethylene

L6 ANSWER 31 OF 39 CA COPYRIGHT 2001 ACS
TI Transparent soap

L6 ANSWER 32 OF 39 CA COPYRIGHT 2001 ACS
TI Crucibles of cerium dioxide

L6 ANSWER 33 OF 39 CA COPYRIGHT 2001 ACS
TI Sebase--a self-emulsifying base for cosmetics and pharmaceuticals

L6 ANSWER 34 OF 39 CA COPYRIGHT 2001 ACS
TI Rapidly dissolving, solid, foaming bath additives

L6 ANSWER 35 OF 39 CA COPYRIGHT 2001 ACS
TI Porous rigid structures for use as molds

L6 ANSWER 36 OF 39 CA COPYRIGHT 2001 ACS
TI Uniform mixing of wax with materials used for ceramics

L6 ANSWER 37 OF 39 CA COPYRIGHT 2001 ACS
TI Cemented carbide particles

L6 ANSWER 38 OF 39 CA COPYRIGHT 2001 ACS
TI Dependence of tack strength on molecular properties

L6 ANSWER 39 OF 39 CA COPYRIGHT 2001 ACS
TI American Society for Testing Materials, Standards, 1955, VI. Plastics,
electrical insulation, rubber, electronics

=>

L6 ANSWER 1 OF 39 CA COPYRIGHT 2001 ACS
 AN 132:95018 CA
 TI Production of multiphase detergent moldings
 IN Holderbaum, Thomas; Beaujean, Hans-Josef; Haerer, Juergen; Nitsch, Christian; Richter, Bernd; Semrau, Markus
 PA Henkel K.-G.a.A., Germany
 SO Ger. Offen., 20 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19851426	A1	20000120	DE 1998-19851426	19981109
	WO 2000004122	A1	20000127	WO 1999-EP4675	19990706
	W: CN, CZ, HU, JP, KR, PL, RU, SK, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1095130	A1	20010502	EP 1999-934578	19990706
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI	DE 1998-19831704	A1	19980715		
	DE 1998-19851426	A	19981109		
	WO 1999-EP4675	W	19990706		

L6 ANSWER 4 OF 39 CA COPYRIGHT 2001 ACS
 AN 130:339743 CA
 TI Preparation of multiphase detergent tablets
 IN Painter, Jeffrey Donald; Thien, Joseph Herbert; Binder, Christopher James;
 Smith, David John
 PA The Procter & Gamble Company, USA
 SO PCT Int. Appl., 62 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9924550	A1	19990520	WO 1998-US23616	19981105
	W: BR, CA, JP, MX, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	BR 9813201	A	20000829	BR 1998-13201	19981105
	EP 1032644	A1	20000906	EP 1998-956627	19981105
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
PRAI	US 1997-65035	P	19971110		
	US 1998-72479	P	19980126		
	WO 1998-US23616	W	19981105		

RE.CNT 3

RE

- (1) Albright & Wilson; EP 0110731 A 1984 CA
- (2) Jeyes Group Ltd; EP 0055100 A 1982
- (3) Unilever; EP 0481793 A 1992 CA

=>

8 33 (MOULD? OR MOLD? OR RECESS? OR SHELL OR TABLET?) (P) (GEL? OR
 MELT? OR LIQUID OR SOLUTION OR PEG OR
POLYETHYLENEGLYCOL#) (P) (SO
 LIDIF? OR COOL?) (P) (DETERGENT# OR LAUNDRY OR DISHWASH? OR
TABLEW
 ARE?)

=> d 1-33 18 ti

L8 ANSWER 1 OF 33 CA COPYRIGHT 2001 ACS
TI Laundry product

L8 ANSWER 2 OF 33 CA COPYRIGHT 2001 ACS
TI Low-pressure injection molding of flat tableware from metal-powder feed
 with gel binder

L8 ANSWER 3 OF 33 CA COPYRIGHT 2001 ACS
TI Containerless solidification processing in microgravity using drop tube
 system filled with bubbles (DTS-B)

L8 ANSWER 4 OF 33 CA COPYRIGHT 2001 ACS
TI Production of multiphase detergent moldings

L8 ANSWER 5 OF 33 CA COPYRIGHT 2001 ACS
TI Apparatus for handling viscous materials, and composition and method of
 making it

L8 ANSWER 6 OF 33 CA COPYRIGHT 2001 ACS
TI Preparation of multiphase detergent tablets

L8 ANSWER 7 OF 33 CA COPYRIGHT 2001 ACS
TI Manufacture of encapsulated particles as components for detergents and
 cleaning compositions

L8 ANSWER 8 OF 33 CA COPYRIGHT 2001 ACS
TI Halohydantoin forms produced by melt extrusion and method for making them

L8 ANSWER 9 OF 33 CA COPYRIGHT 2001 ACS
TI Molding method of colored polyethylene bottles

L8 ANSWER 10 OF 33 CA COPYRIGHT 2001 ACS
TI Solid detergents for toilet bowls

L8 ANSWER 11 OF 33 CA COPYRIGHT 2001 ACS
TI Fragrant detergents for flush toilets

L8 ANSWER 12 OF 33 CA COPYRIGHT 2001 ACS
TI Long lasting detergent bar containing a polyamide or polyester polymer

L8 ANSWER 13 OF 33 CA COPYRIGHT 2001 ACS
TI Solid detergent compositions

L8 ANSWER 14 OF 33 CA COPYRIGHT 2001 ACS
TI Elastic detergent product with improved foaming power after use

L8 ANSWER 15 OF 33 CA COPYRIGHT 2001 ACS
TI Molding

L8 ANSWER 16 OF 33 CA COPYRIGHT 2001 ACS
TI Detergent tablet having a hydrated salt coating

L8 ANSWER 17 OF 33 CA COPYRIGHT 2001 ACS
TI Gel-impregnated sponges

L8 ANSWER 18 OF 33 CA COPYRIGHT 2001 ACS
TI Corsilitic, crystalline porcelains

L8 ANSWER 19 OF 33 CA COPYRIGHT 2001 ACS
TI Multilayer glass articles

L8 ANSWER 20 OF 33 CA COPYRIGHT 2001 ACS
TI Gas-releasable and foamable compositions

L8 ANSWER 21 OF 33 CA COPYRIGHT 2001 ACS
TI Hydrophilic gels for detergent compositions

L8 ANSWER 22 OF 33 CA COPYRIGHT 2001 ACS
TI 1,3,5,2,4,6-Triazatriphosphorine polypropylene stabilizers

L8 ANSWER 23 OF 33 CA COPYRIGHT 2001 ACS
TI Decorated injection-molded articles from thermoplastic resins

L8 ANSWER 24 OF 33 CA COPYRIGHT 2001 ACS
TI Detergent bars consisting of a detergent held in a sintered thermoplastic resin matrix

L8 ANSWER 25 OF 33 CA COPYRIGHT 2001 ACS
TI Textile detergent stick

L8 ANSWER 26 OF 33 CA COPYRIGHT 2001 ACS
TI Superconducting alloys

L8 ANSWER 27 OF 33 CA COPYRIGHT 2001 ACS
TI Copolymers of ethylene and methyl-substituted .alpha.,.omega.-diolefins

L8 ANSWER 28 OF 33 CA COPYRIGHT 2001 ACS
TI Aromatic alkylation using a nickel-chromia-silica-alumina catalyst

L8 ANSWER 29 OF 33 CA COPYRIGHT 2001 ACS
TI Surface-active agents from cashew nut-shell liquid

L8 ANSWER 30 OF 33 CA COPYRIGHT 2001 ACS
TI Compositions for closed-die molding of detergent bars

L8 ANSWER 31 OF 33 CA COPYRIGHT 2001 ACS
TI Detergent cakes

L8 ANSWER 32 OF 33 CA COPYRIGHT 2001 ACS
TI Oil-insoluble, solid addition agents for mineral oils

L8 ANSWER 33 OF 33 CA COPYRIGHT 2001 ACS
TI Detergent compositions

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L10 20 (TABLET? OR COMPRESSED OR COMPAKTED) (P) (MOLD? OR MOULD? OR
RECES S?) (P) (LIQUID OR GEL? OR MELT?) (P) (THICKEN? OR PARAFFIN OR
WAX?)
TABLEWA (P) (DETERGENT# OR SURFACTANT# OR LAUNDRY OR DISHWASH? OR
RE# OR DISHWARE#)

=> d 1-20 110 ti

L10 ANSWER 1 OF 20 USPATFULL
TI Partially saponified triglycerides, their methods of manufacture and
use
as polymer additives

L10 ANSWER 2 OF 20 USPATFULL
TI Carbozamides with antifungal activity

L10 ANSWER 3 OF 20 USPATFULL
TI Process for consolidating particulate solids

L10 ANSWER 4 OF 20 USPATFULL
TI Pyrimidone derivatives with antifungal activity

L10 ANSWER 5 OF 20 USPATFULL
TI Compounds and methods for inhibition of HIV and related viruses

L10 ANSWER 6 OF 20 USPATFULL
TI Compounds and methods for inhibition of HIV and related viruses

L10 ANSWER 7 OF 20 USPATFULL
TI Method of treating depression

L10 ANSWER 8 OF 20 USPATFULL
TI Orally active azole derivatives

L10 ANSWER 9 OF 20 USPATFULL
TI Method for inhibition of HIV related viruses

L10 ANSWER 10 OF 20 USPATFULL
TI Orally active azole derivatives

L10 ANSWER 11 OF 20 USPATFULL
TI Tetrazole derivatives and drugs

L10 ANSWER 12 OF 20 USPATFULL
TI Indole derivatives and drugs

L10 ANSWER 13 OF 20 USPATFULL
TI Treatment of hemorrhoids with 5-HT_{sub.2} antagonists

L10 ANSWER 14 OF 20 USPATFULL
TI Inhibition of anoxia or hypoxia-induced, endothelium-mediated vasospasm
with avermectins

L10 ANSWER 15 OF 20 USPATFULL
TI Solid form additives and method of forming same

L10 ANSWER 16 OF 20 USPATFULL
TI Method of forming solid form fuel additives

L10 ANSWER 17 OF 20 USPATFULL
TI Method of treating inflammatory diseases

L10 ANSWER 18 OF 20 USPATFULL
TI Elastic detergent product of improved foaming power after use

L10 ANSWER 19 OF 20 USPATFULL
TI Elastic detergent cake of improved foaming power after use

L10 ANSWER 20 OF 20 USPATFULL
TI PROCESS FOR THE OPTICAL BRIGHTENING OF ORGANIC MATERIALS

=>

L11 177 (MOULD? OR MOLD? OR RECESS? OR SHELL OR TABLET?) (P) (GEL? OR
MELT? OR LIQUID OR SOLUTION OR PEG OR
POLYETHYLENEGLYCOL#) (P) (SO
LIDIF? OR COOL?) (P) (DETERGENT# OR LAUNDRY OR DISHWASH? OR
TABLEW
ARE?)

=> s compressed(p) (noncompressed or non(w) compressed)

301854 COMPRESSED
422 NONCOMPRESSED

1129757 NON
301854 COMPRESSED

L12 2250 COMPRESSED(P) (NONCOMPRESSED OR NON(W) COMPRESSED)

=> s l11 and l12

L13 2 L11 AND L12

=> d 1-2 l13 ti

L13 ANSWER 1 OF 2 USPATFULL
TI Detergent tablet

L13 ANSWER 2 OF 2 USPATFULL
TI Detergent compositions

=>